

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** June 10, 2004

**Inspector:** Chuck Gidman

**Location:** Norwalk Substation Expansion

**Storm/  
Rain Event** Only small traces of rain have fallen since the previous inspection.

Areas of Inspection	Observation	Recommended Action
Access Roads	<ul style="list-style-type: none"> <li>- Access roads are slightly muddy but still completely accessible. 6/10/04</li> <li>- New Canaan Avenue is still free of any tracked sediment 4/28-6/10/04</li> </ul>	<ul style="list-style-type: none"> <li>- None at this time. Continue to monitor. 6/10/04</li> <li>- None at this time. Continue to monitor. 6/10/04</li> </ul>
Foundation construction	<ul style="list-style-type: none"> <li>- Underground conduit work is ongoing in the northern part of the expanded yard. 6/10/04</li> <li>- Work on the control house is ongoing and rebar is now going up for the walls. Manhole boxes have also been placed. 6/10/04</li> <li>- Work continues on the retaining walls. 6/10/04</li> </ul>	<ul style="list-style-type: none"> <li>- The areas are well contained at this time. 6/10/04</li> <li>- None at this time. 6/10/04</li> </ul>
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> <li>- Repairs have been made to the silt fence and it is in good shape. 6/10/04</li> <li>- The hydroseeded area below the Route 7 ramp and above wall #4 is starting to vegetate but is still fairly sparse. 6/10/04.</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to be proactive in silt fence repair and maintenance.</li> <li>- Continue to monitor growth of vegetation and if needed, additional seed should be added 6/10/04.</li> </ul>

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls continued	<ul style="list-style-type: none"> <li>- A catch basin is located here at the end of the swale with a top and side inlet. A haybale has been placed at the side to prevent sedimentation to the catch basin. 5/14-6/10/04</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to monitor growth of vegetation and the haybale could be taken away from the inlet when cover is sufficient. 6/3-6/10/04</li> </ul>
	<ul style="list-style-type: none"> <li>- The topsoil stockpile is actively being utilized for backfill areas along wall 5 that will be grassed, and the pile should be gone within several days. 6/10/04</li> <li>- The stone swale below the pile has been filled/covered over during the soil removal. 6/10/04</li> </ul>	<ul style="list-style-type: none"> <li>- Use of the pile is well contained and it will be gone likely within several days. 6/10/04</li> <li>- The swale is not actively needed at this time 6/10/04.</li> </ul>
	<ul style="list-style-type: none"> <li>- The concrete washout station is full and will be cleaned out. Efforts to use this station have been good. 6/10/04</li> </ul>	<ul style="list-style-type: none"> <li>- The station will be maintained before it is needed again. 6/10/04</li> <li>- The main objective is to keep all washout water from resource areas and storm drains. Continue to utilize and maintain designated stations for concrete.</li> </ul>
	<ul style="list-style-type: none"> <li>- Filling and grading continues in the northern portion of the site near the towers and retaining walls. 6/10/04</li> </ul>	<ul style="list-style-type: none"> <li>- The area is still well contained. 6/10/04</li> </ul>
	<ul style="list-style-type: none"> <li>- The mulched and seeded area near the southern portion of the bike path has strong vegetative growth. 6/10/04</li> </ul>	<ul style="list-style-type: none"> <li>-This area looks good and is on its way to stabilization 6/3-6/10/04</li> </ul>
	<ul style="list-style-type: none"> <li>- Grass is coming in well in the area below wall 5 which had recently been placed with stone, topsoil, seed and mulch. 6/10/04</li> </ul>	<ul style="list-style-type: none"> <li>-Continue to monitor for sufficient vegetative growth and future stabilization. 6/10/04</li> </ul>
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> <li>- The silt fence is still well in place along the river. 6/10/04</li> <li>-Grass cover is doing very well along the northern end of</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to monitor silt fence and repair as necessary, especially in portions closest to the river.</li> </ul>

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	<p>the wall in all areas where the topsoil had remained, and grass is beginning to grow in the recently repaired scour area. 6/10/04</p> <p>-A pump was once again temporarily placed near the riverbank for retrieving water for soil compaction. 6/10/04</p> <p>- A grate will be installed on the existing outlet on wall #5 for safety and to prevent debris from entering 5/27-6/10/04</p> <p>- Sheet piling cofferdams are being proposed in place of the originally approved sandbag dams for the overflow channel 6/3-6/10/04</p>	<p>- Continue to monitor the area for future vegetative cover and stabilization. 6/10/04</p> <p>- An appropriate secondary containment was being used to hold the pump. 6/10/04</p> <p>- Drawings /details will be submitted for DEP approval prior to this construction taking place.6/3-6/10/04</p>
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>- The recently repaired scoured area below wall #5 is experiencing growth of grass cover. 6/10/04</p> <p>-Natural vegetation continues to come in very well along the riverbank, on both sides of the silt fence. 6/10/04</p>	<p>- The area will be monitored for cover. Future observations may find that a more significant root structure is needed here. 5/27-6/10/04</p> <p>- None at this time. If any areas still look sparse, some seed could be scattered. 6/10/04</p>
Dewatering	- Dewatering activities are complete at this time.	-No actions required at this time.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills	- No spills were reported this week. 6/10/04	- The contractors should remain vigilant about securing

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	<ul style="list-style-type: none"> <li>- Some small oil drips were noted along the access road and may be attributed to a truck moving soil. This equipment will be monitored.</li> <li>- Another drip/sheen was noted below an excavator in the vehicle parking area. A pad will be placed under this piece of equipment. 6/10/04</li> </ul>	<p>and handling fuel containers due to the sensitivity of the area</p> <ul style="list-style-type: none"> <li>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis.</li> <li>- Report spills to the office immediately, even if they are being controlled.</li> </ul>
Additional Observations	<ul style="list-style-type: none"> <li>- The new soil source was approved and backfill operations are ongoing. 6/10/04</li> <li>- The D&amp;M plan for the Plumtree substation has been approved and work could begin there in the next few weeks. Reports will continue in the same format. 6/3-6/10/04</li> </ul>	

**Next likely scheduled inspection:**

Friday June 18, 2004

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:**

Diana Walden for Chuck Gidman



THE AREA ADJACENT TO THE SOUTHERN PORTION OF THE BIKE PATH IS EXPERIENCING GOOD VEGETATIVE GROWTH. 6/10/04



VIEW ALONG THE SILT FENCE ADJACENT TO THE RIVER. VEGETATIVE GROWTH IS COMING IN VERY WELL AND THE TOPSOIL STOCKPILE (BACKGROUND) IS BEING UTILIZED ON SITE. 6/10/04





THE HYDROSEEDDED SLOPE IS EXPERIENCING GRASS COVER GROWTH BUT IS STILL A LITTLE SPARSE IN SOME AREAS. 6/10/04



VIEW OF BACKFILL AND GRADING OPERATIONS NEAR WALL #1. 6/10/04





VIEW OF THE PROGRESS AT THE CONTROL BUILDING CONSTRUCTION. MANHOLE BOXES HAVE BEEN PLACED. 6/10/04



THE CONCRETE WASHOUT AREA WILL BE CLEANED PRIOR TO ITS NEXT NEEDED USE. 6/10/04